

WITH PnP COVER, LEADFREE. COVER COLOR PURPLE	47387-4783
WITH MYLAR TAPE, LEADFREE. COVER COLOR PURPLE	47387-4784
WITH PnP COVER, LEADFREE. COVER COLOR BLACK	47387-4785
DESCRIPTION	PART NUMBER

REVISED EC NO: B	DESCRIPTION REV	QUALITY SYMBOLS <div>▽=0</div> <div>◻=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
DRAWN BY		DATE		TITLE							
XSZHANG		2006/01/04		M478B SOCKET ASSEMBLY TAPE AND REEL PACKAGE							
CHECKED BY		DATE									
AYIN		2006/01/04									
APPROVED BY		DATE									
JZHANG		2006/01/04		MOLEX MOLEX INCORPORATED							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
				SEE CHART		SD-47387-002				1 OF 5	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1

PRODUCT OUT LINE

$\phi 0.05$   $\phi 0.61$  MIN.  
PAD

#### NOTES:

#### 1. MATERIAL

HOUSING: LIQUID CRYSTAL POLYMER(LCP)

UL 94V-0, COLOR BLACK

COVER : LIQUID CRYSTAL POLYMER(LCP)

UL 94V-0, COLOR SEE CHART SHEET 1

CONTACT: COPPER ALLOY

SOLDER BALL: Sn-Ag-Cu,  $\phi 0.76$  MM (LEADFREE)

CAM : STAINLESS STEEL

CAM HOLDER : STAINLESS STEEL.

#### 2. PLATING

CONTACT AREA : GOLD 0.25 MICROMETER MIN.

UNDER PLATING: NICKEL 1.5 MICROMETER MIN.

#### 3. SOLDER BALL COPLANARITY : 0.20mm MAX.

#### 4. DATE CODE

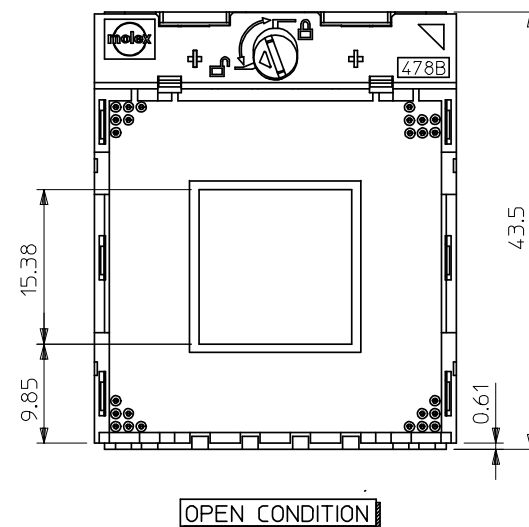
\* \* \* \* \*  
DAY (01-31)  
MONTH(01-12)  
YEAR(0-9)

\* \* \* \* \* LF  
LEADFREE SOCKET  
MANUFACTURING NO.

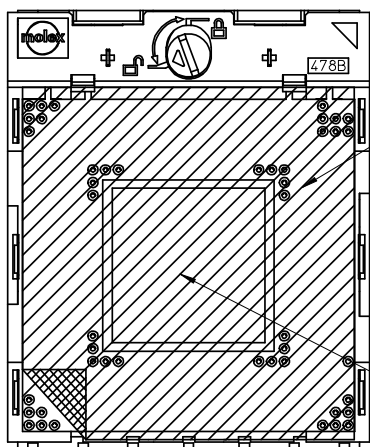
#### 5. PRODUCT SPECIFICATION REFER TO PS-51248-020

#### 6. PACKAGE DRAWING REFER TO PK-500161-003

#### RECOMMENDED P.C. BOARD LAYOUT



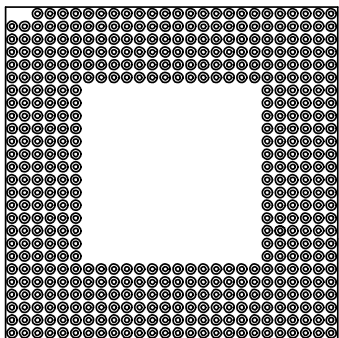
REVISED	EC NO:	DRAWN: L. XWANG CHKD: J. KACHIC APPR: C. LIANG	2007/11/09 2007/12/07 2008/01/10	DESCRIPTION	QUALITY SYMBOLS  ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		TITLE  M478B SOCKET ASSEMBLY TAPE AND REEL PACKAGE
								MM ONLY		N/A	METRIC			
								DRAWN BY DATE		M478B SOCKET ASSEMBLY TAPE AND REEL PACKAGE				
								XSZHANG 2006/01/04						
								CHECKED BY DATE						
								AYIN 2006/01/04						
								APPROVED BY DATE		MOLEX MOLEX INCORPORATED				
		JZHANG 2006/01/04												
		MATERIAL NO.		DOCUMENT NO.				SHEET NO.						
		SEE SHEET1		SD-47387-002				2 OF 5						
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



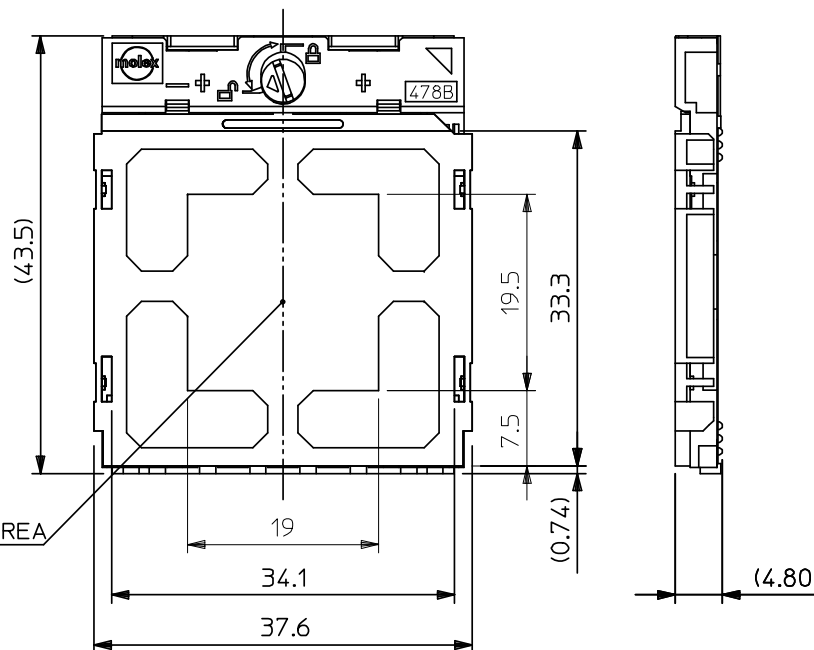
MYLAR TAPE

VACCUM TAPE

AT PACKAGED (WITH MYLAR TAPE)



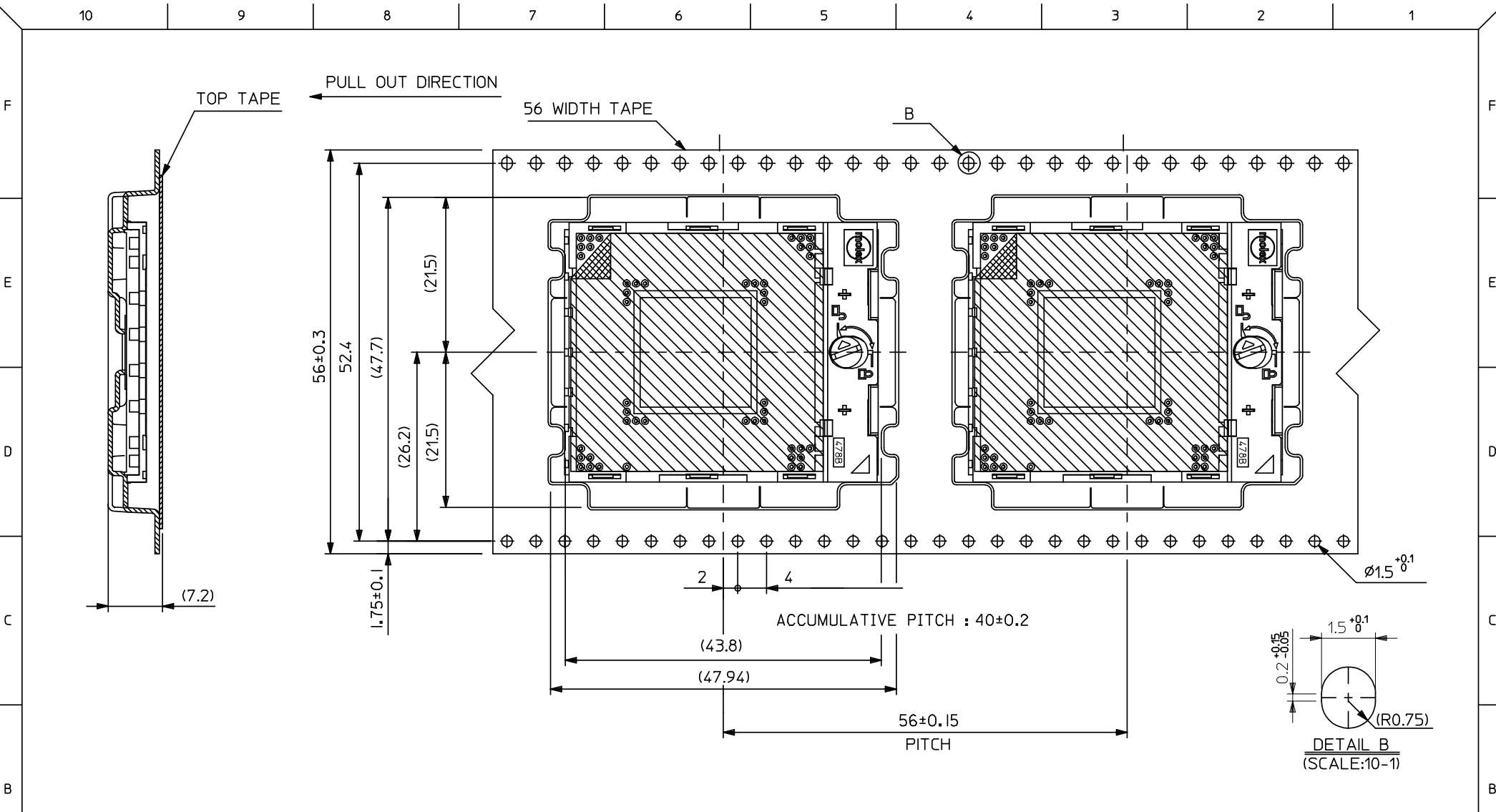
USING INTERPOSER (PIN SIDE VIEW)



VACUUM AREA

AT PACKAGED (WITH ATTACHMENT COVER)

REVISED	EC NO:	2007/11/09	2007/12/07	2008/01/10	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION				
											MM ONLY		N/A	METRIC					
							<div>▽=0</div> <div>▽=0</div>	mm		INCH		DRAWN BY		DATE		TITLE M478B SOCKET ASSEMBLY TAPE AND REEL PACKAGE			
								4 PLACES		± --- ± ---		XSZHANG		2006/01/04					
								3 PLACES		± --- ± ---		CHECKED BY		DATE					
								2 PLACES		± 0.25 ± ---		AYIN		2006/01/04					
								1 PLACE		± 0.25 ± ---		APPROVED BY		DATE					
							ANGULAR ± 2 °				JZHANG		2006/01/04		molex MOLEX INCORPORATED				
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
											SEE SHEET1		SD-47387-002		3 OF 5				
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	



REVISED EC NO: DRWN: L. XWANG CHKD: J. KACHL I C APPR: C. LIANG B	DESCRIPTION REV	QUALITY SYMBOLS  ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE N/A	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE  M478B SOCKET ASSEMBLY TAPE AND REEL PACKAGE  MOLEX INCORPORATED  DOCUMENT NO. SD-47387-002	SHEET NO. 4 OF 5
			mm	INCH	DRAWN BY XSZHANG	DATE 2006/01/04					
			4 PLACES	± ---	± ---	CHECKED BY AYIN	DATE 2006/01/04				
			3 PLACES	± ---	± ---	APPROVED BY JZHANG	DATE 2006/01/04				
			2 PLACES	± 0.25	± ---						
		1 PLACE		± 0.25	± ---						
		ANGULAR		± 2 °							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET1							
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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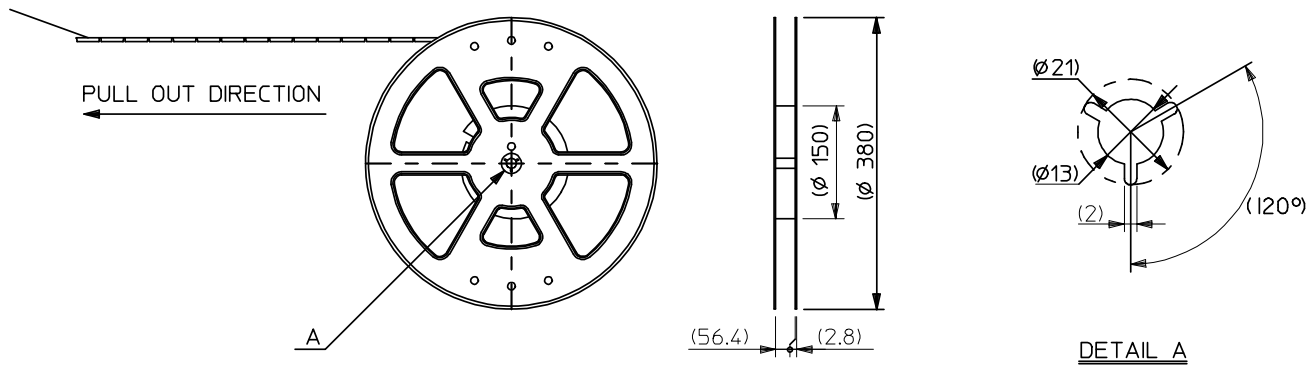
E E

D D

C C

B B

A A



REVISED	EC NO:  DRWNLXWANG CHKD: JACHLIC APPR: CLANG	2007/11/09 2007/12/07 2008/01/10	DESCRIPTION REV	QUALITY SYMBOLS  ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	M478B SOCKET ASSEMBLY TAPE AND REEL PACKAGE	
						mm	INCH	DRAWN BY	DATE	TITLE			
					4 PLACES	± ---	± ---	XSZHANG	2006/01/04				
					3 PLACES	± ---	± ---	CHECKED BY	DATE				
					2 PLACES	± 0.25	± ---	AYIN	2006/01/04	MOLEX INCORPORATED			
					1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
					ANGULAR ± 2 °		JZHANG	2006/01/04	DOCUMENT NO.				SHEET NO.
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 1		SD-47387-002				5 OF 5
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